# This Page Is Inserted by IFW Operations and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

APR 1 2 2004 THE PRADENT

REPLACEMENT SHEET Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152 Sheet 1 of 14

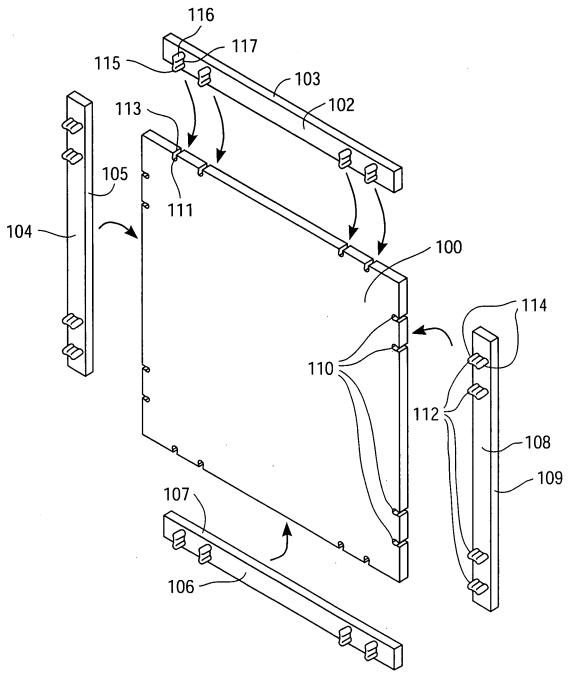


FIG. 1A

REPLACEMENT SHEET
Application No. 10/738,405
Title: Electronic Circuit Building Block
Inventors: Andrew Yaung, etc.
Atty. Docket No.: 23939-08152
Sheet 2 of 14

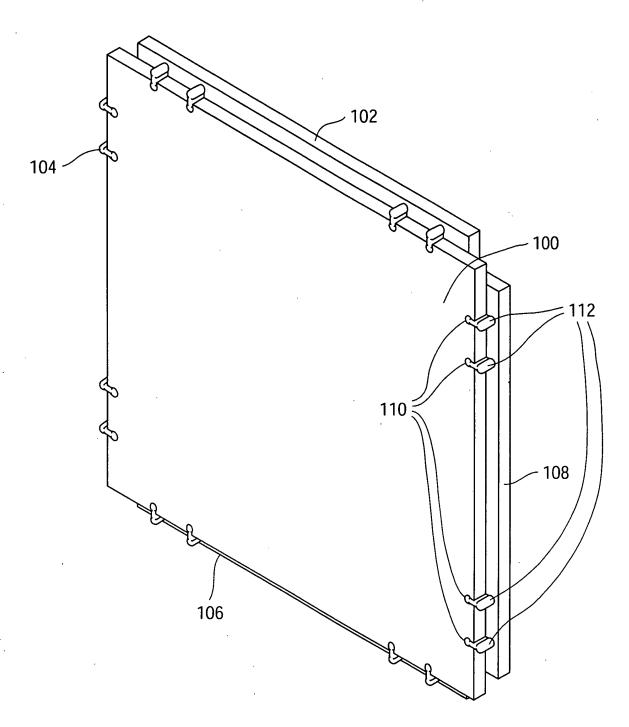
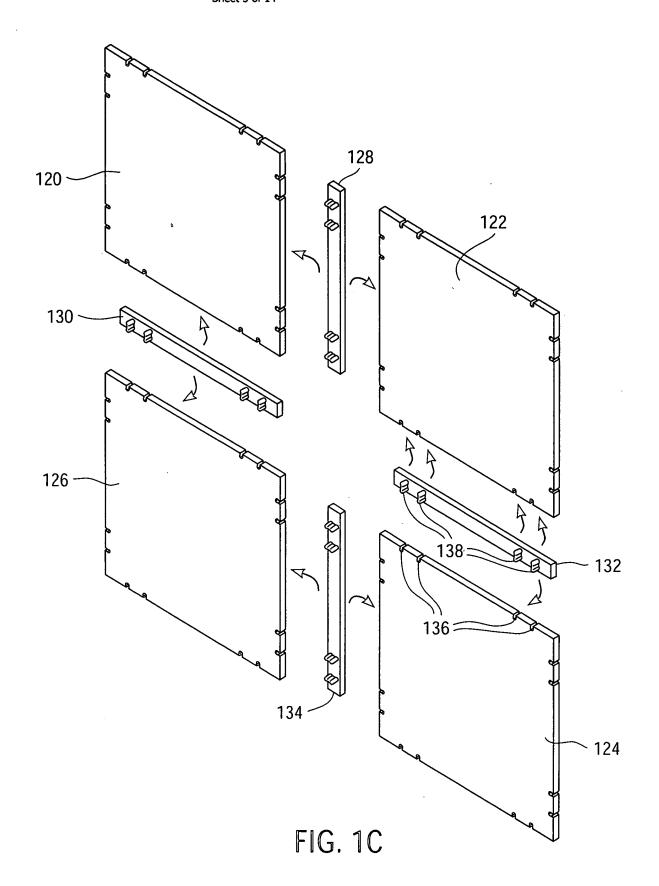
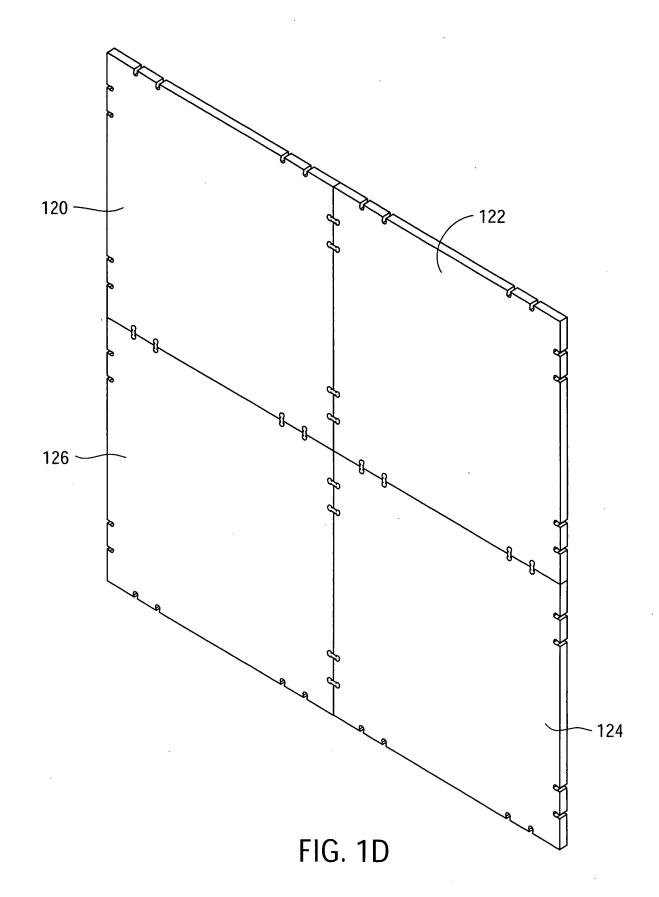


FIG. 1B

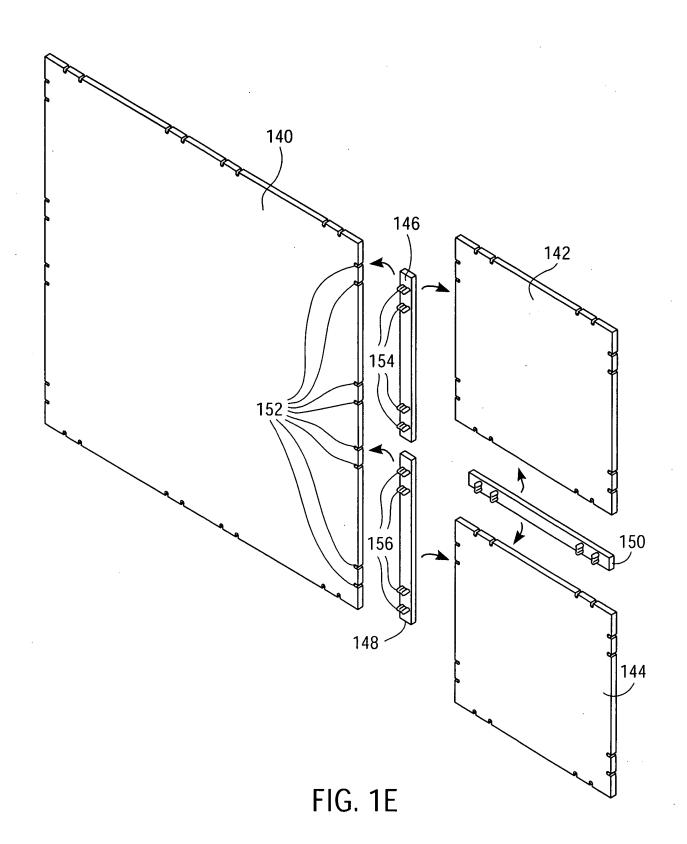
REPLACEMENT SHEET Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152 Sheet 3 of 14



REPLACEMENT SHEET Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152 Sheet 4 of 14



Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152 Sheet 5 of 14



REPLACEMENT SHEET Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152 Sheet 6 of 14

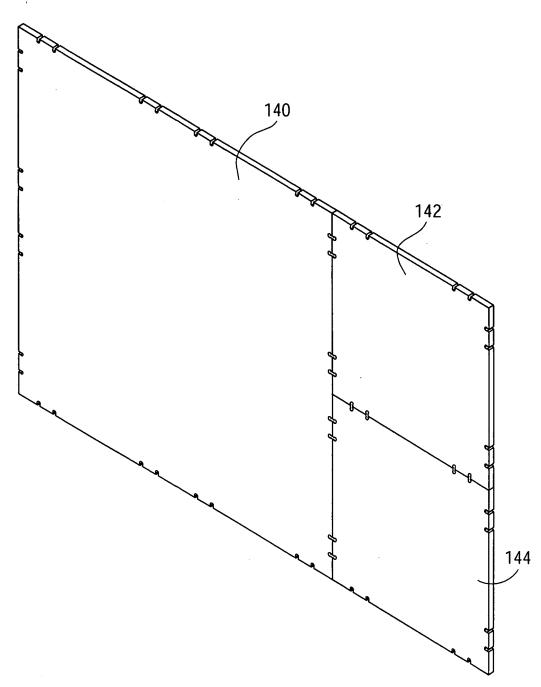


FIG. 1F

REPLACEMENT SHEET
Application No. 10/738,405
Electronic Circuit Building Block
Inventors: Andrew Yaung, etc.
Atty. Docket No.: 23939-08152
Sheet 7 of 14

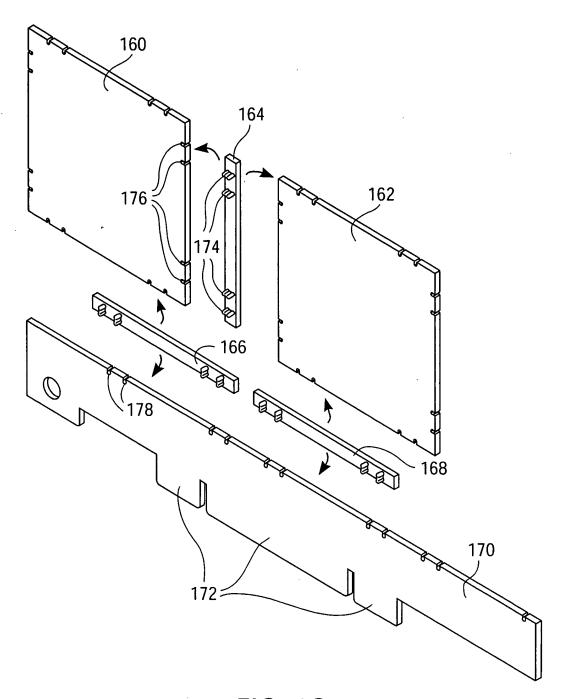


FIG. 1G

REPLACEMENT SHEET
Application No. 10/738,405
Electronic Circuit Building Block
Inventors: Andrew Yaung, etc.
Atty. Docket No.: 23939-08152
Sheet 8 of 14

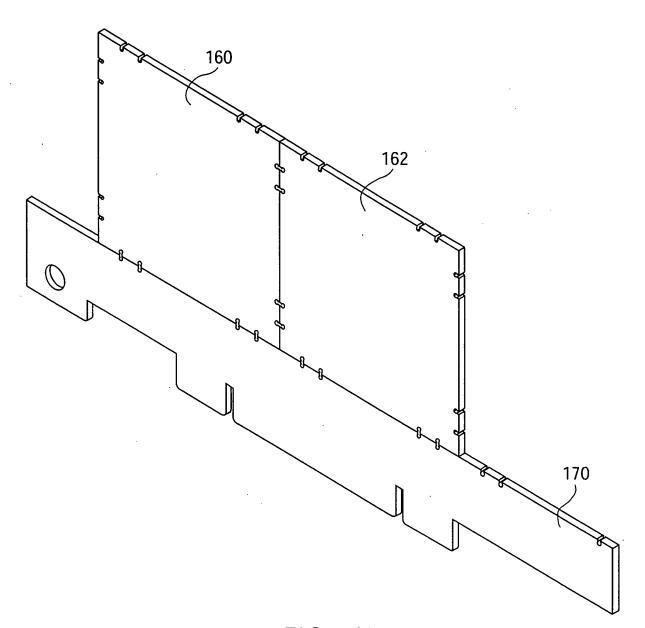
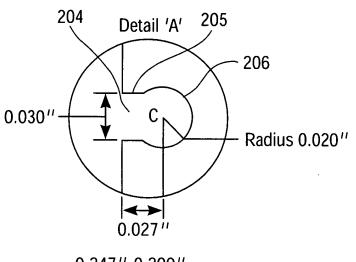


FIG. 1H

REPLACEMENT SHEET Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152

Sheet 9 of 14



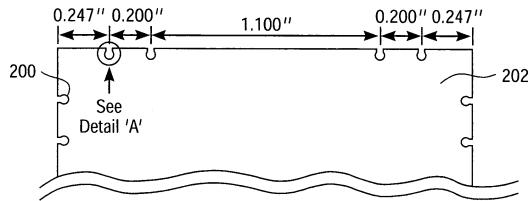
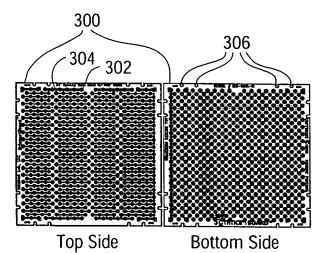
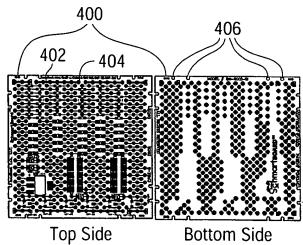


FIG. 2



T.H. 0.1" Spacing With 0.05" Offset, 2" X 2" Grid



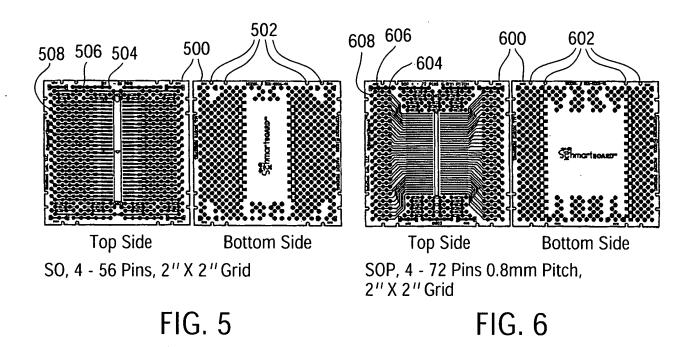
0603/0805/1206/Case-A/Case-B/SOD-123 SOT-23/SOT-223 2" X 2" Grid

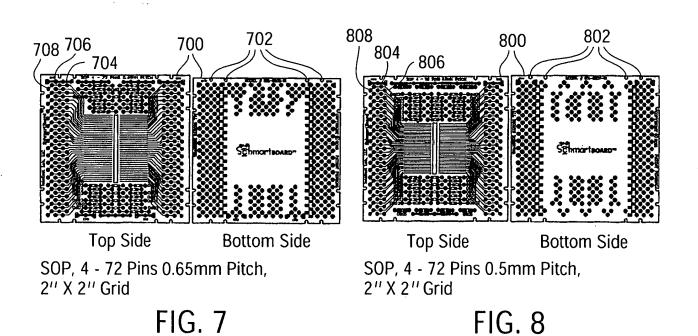
FIG. 3

FIG. 4

#### REPLACEMENT SHEET Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152

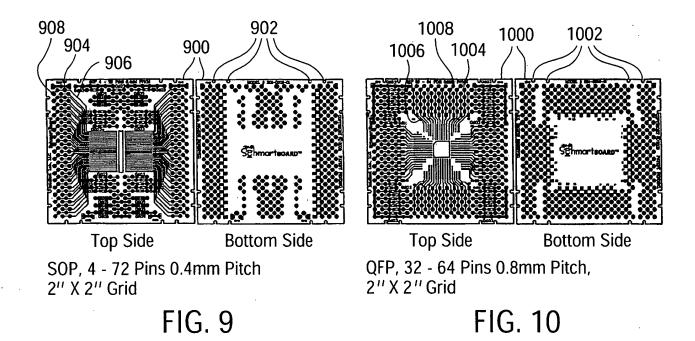
Sheet 10 of 14

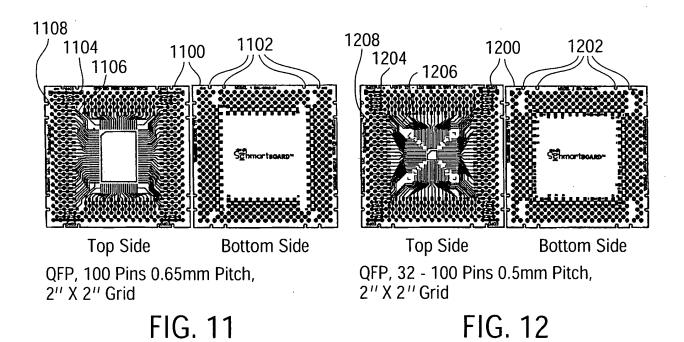




REPLACEMENT SHEET Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152

Sheet 11 of 14

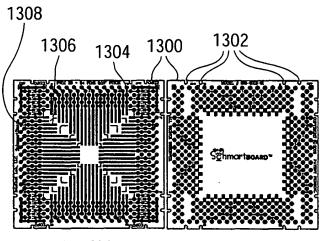




## REPLACEMENT SHEET Application No. 10/738,405

Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152

Sheet 12 of 14

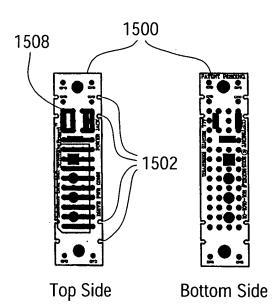


Top Side

**Bottom Side** 

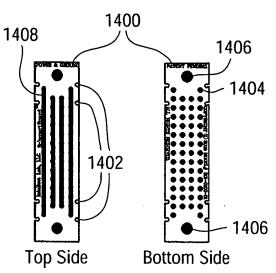
PLCC, 20 - 84 Pins 0.05" Pitch, 2" X 2" Grid

FIG. 13



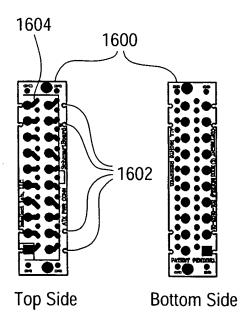
T.H. Drive Power Conn and Power Jack 0.5" X 2" Grid

FIG. 15



T.H. Power and GND Strip 0.5" X 2" Grid

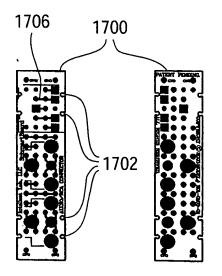
FIG. 14



T.H. ATX Power Connector 0.5" X 2" Grid

FIG. 16

## REPLACEMENT SHEET Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152 Sheet 13 of 14

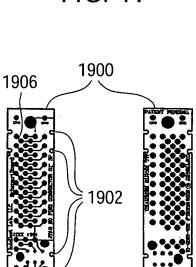


Top Side

**Bottom Side** 

T.H. Audio/RCA Jack 0.5" X 2" Grid

FIG. 17

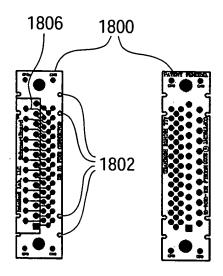


Top Side

**Bottom Side** 

T.H. JTAG 20 Pins 0.1" SP and IEEE1394 0.5" X 2" Grid

FIG. 19

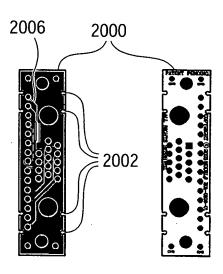


Top Side

**Bottom Side** 

T.H. DB 25 Connector 0.5" X 2" Grid

FIG. 18



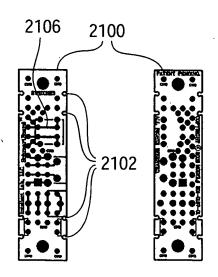
Top Side

**Bottom Side** 

T.H. RGB 15 Pins Connector 0.5" X 2" Grid

FIG. 20

REPLACEMENT SHEET Application No. 10/738,405 Electronic Circuit Building Block Inventors: Andrew Yaung, etc. Atty. Docket No.: 23939-08152 Sheet 14 of 14

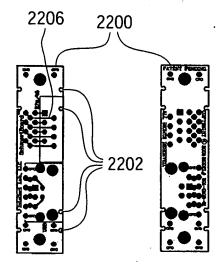


Top Side

**Bottom Side** 

T.H. Switches T.H. 0.5" X 2" Grid

FIG. 21



Top Side

**Bottom Side** 

T.H. RJ11/45 and USB Connector 0.5" X 2" Grid

FIG. 22